

1000000000000000

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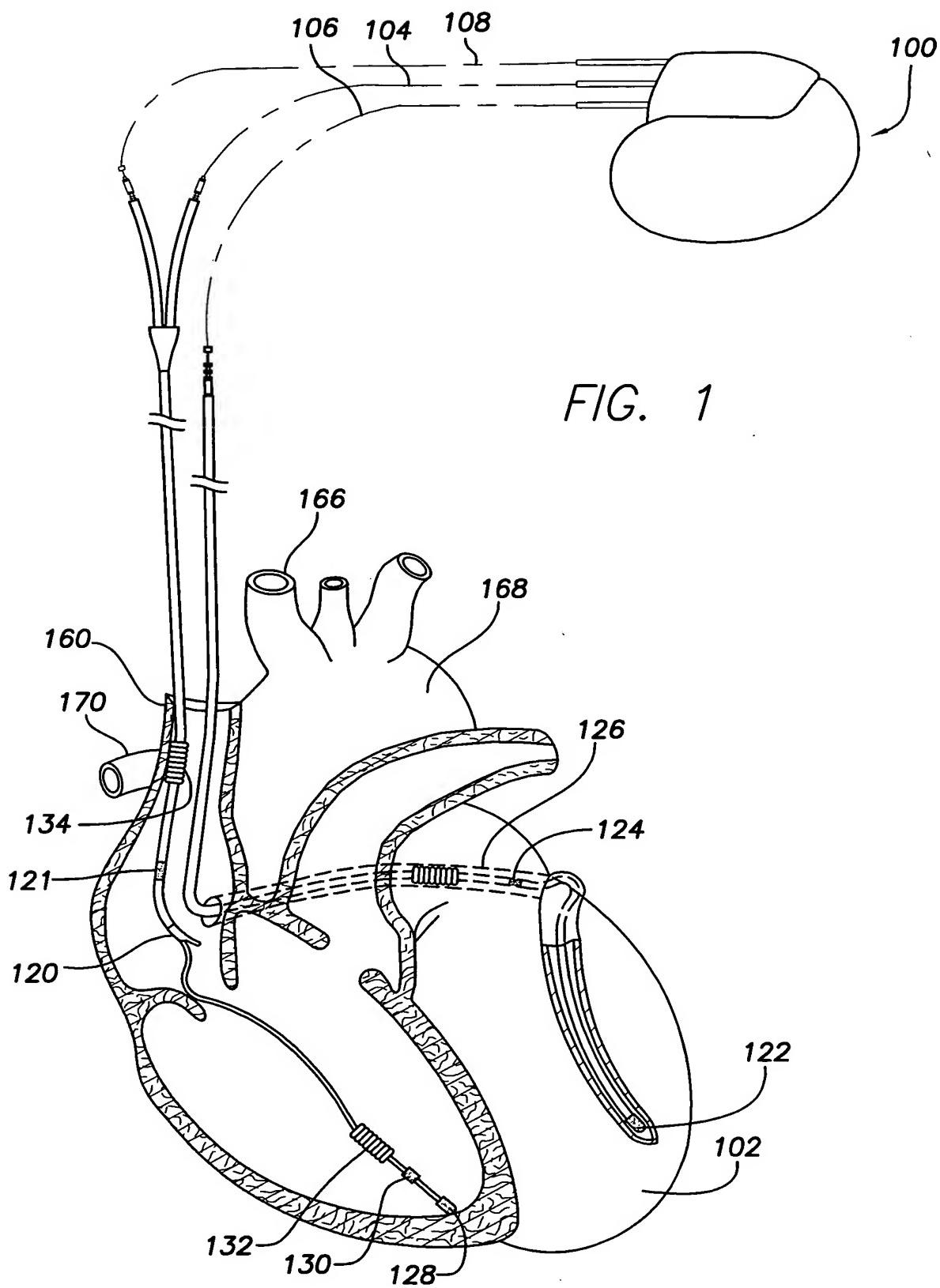


FIG. 1

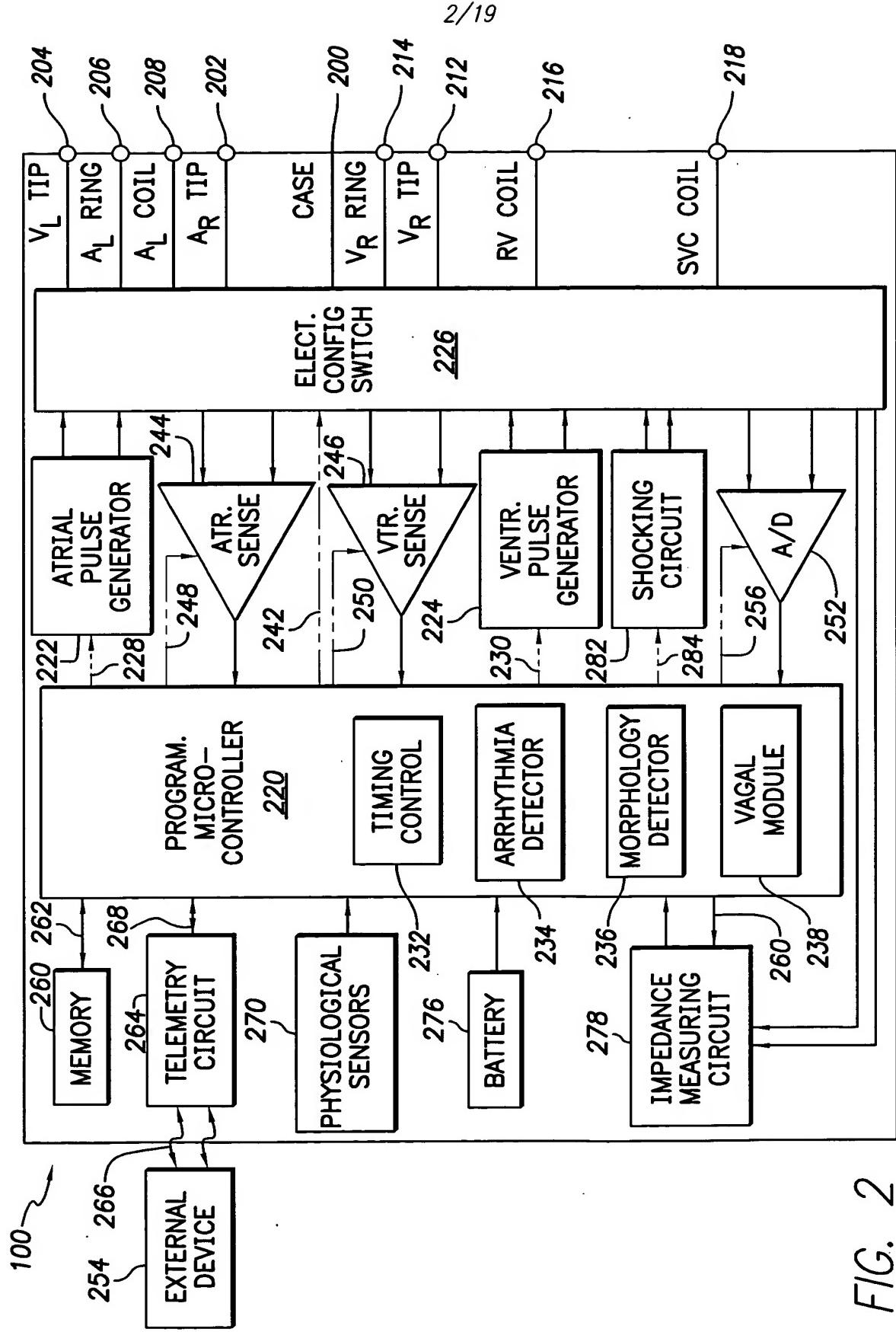


FIG. 2

FIG. 3

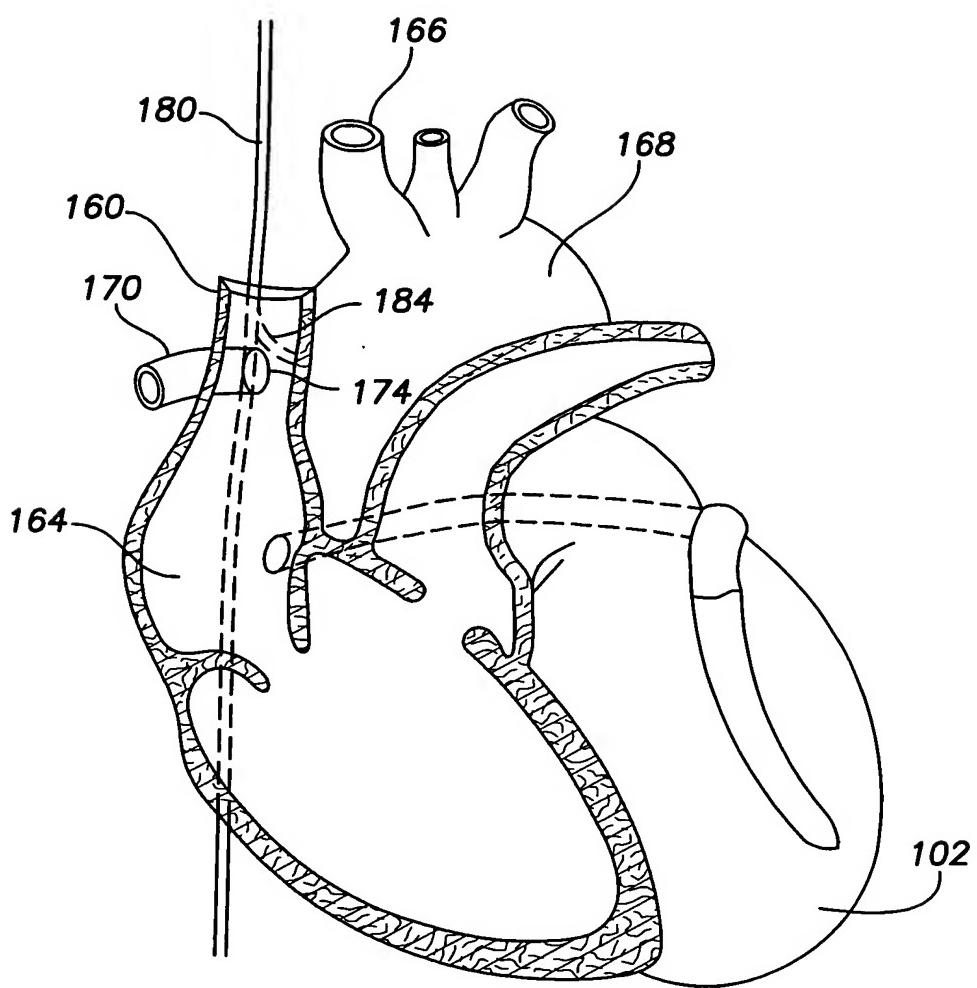
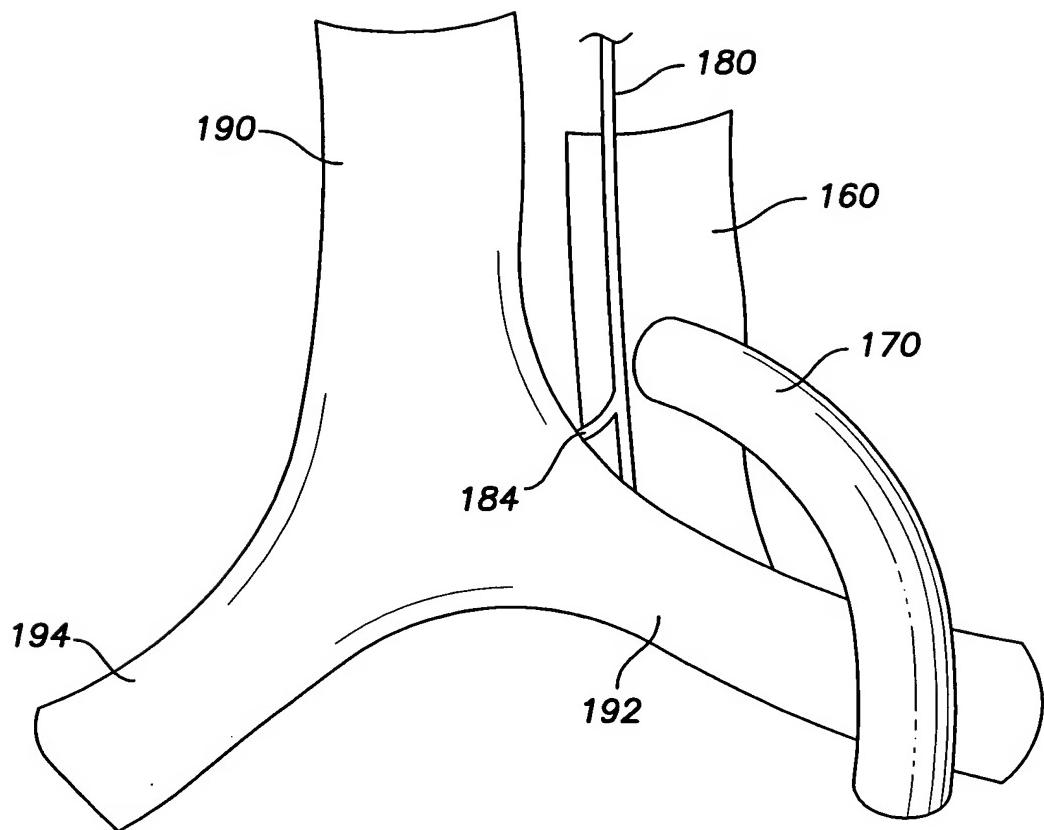


FIG. 4



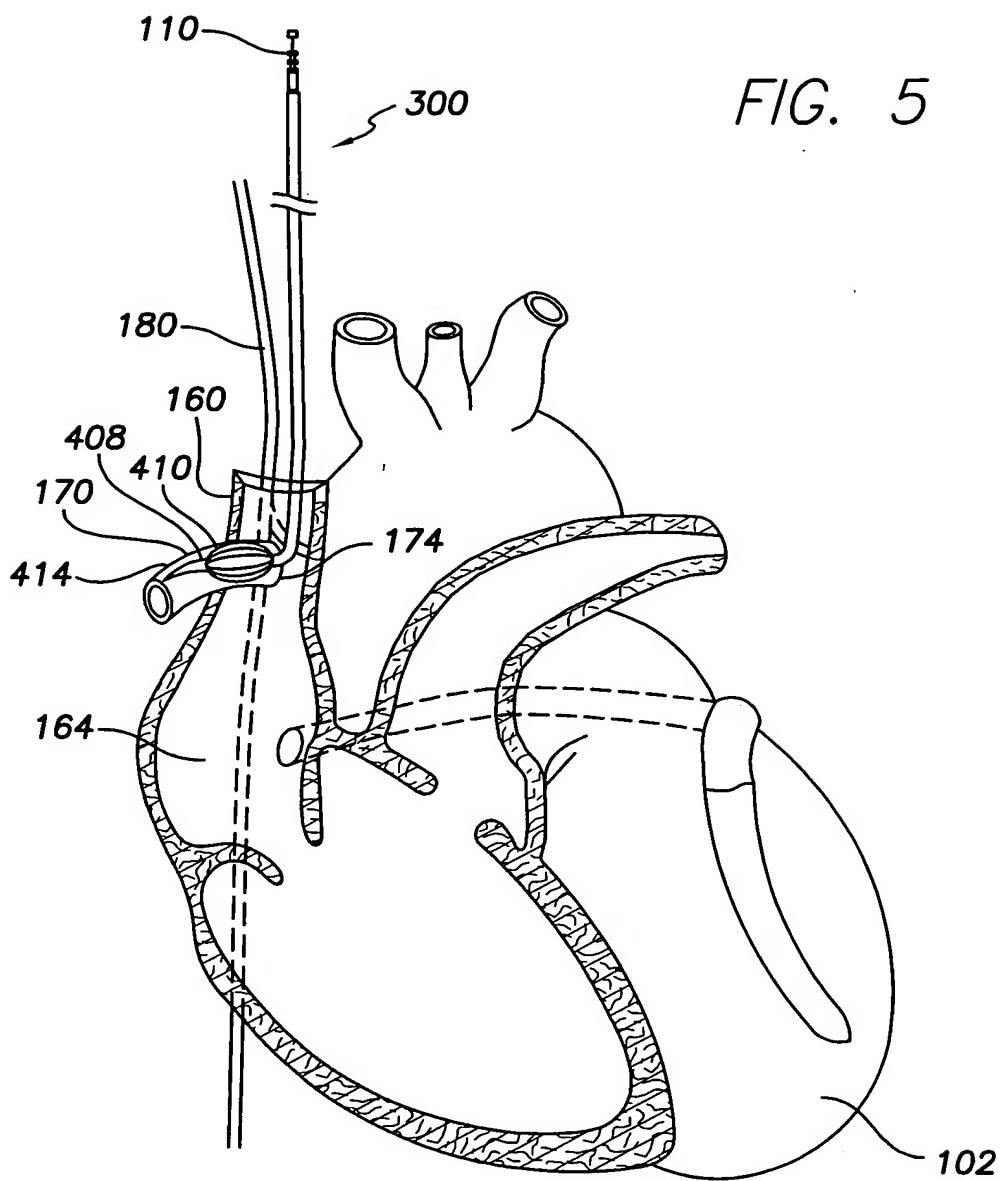


FIG. 6

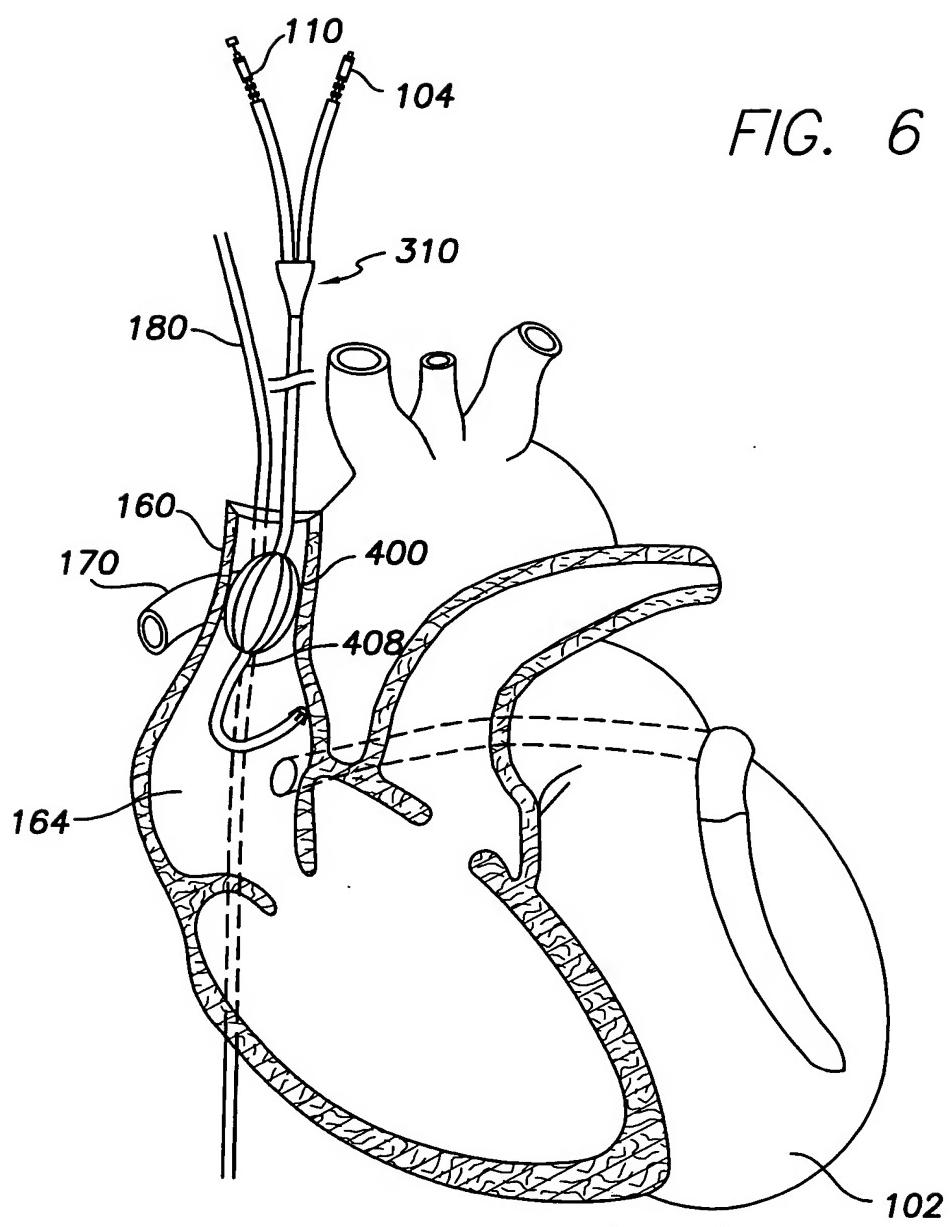


FIG. 7

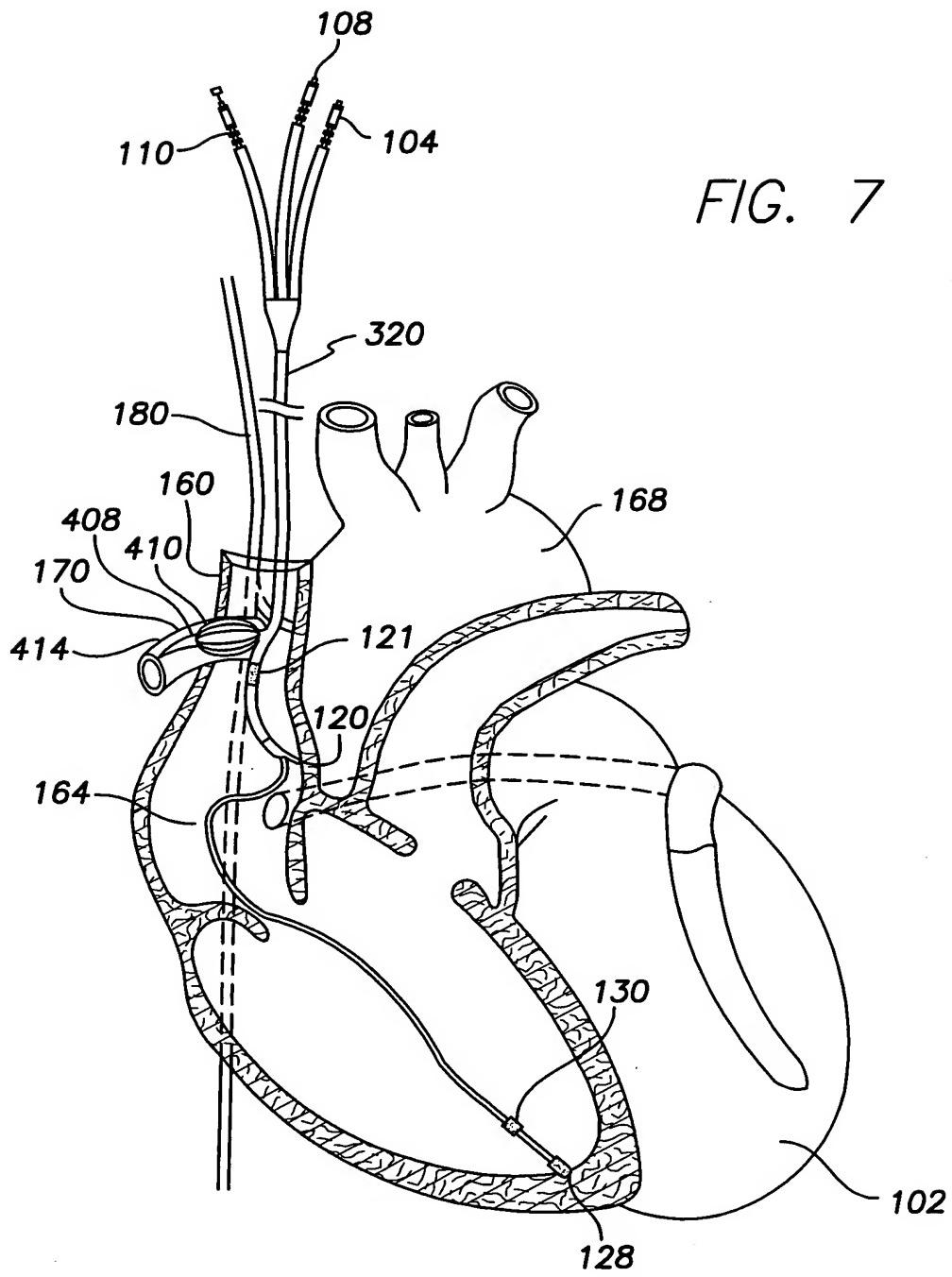


FIG. 8

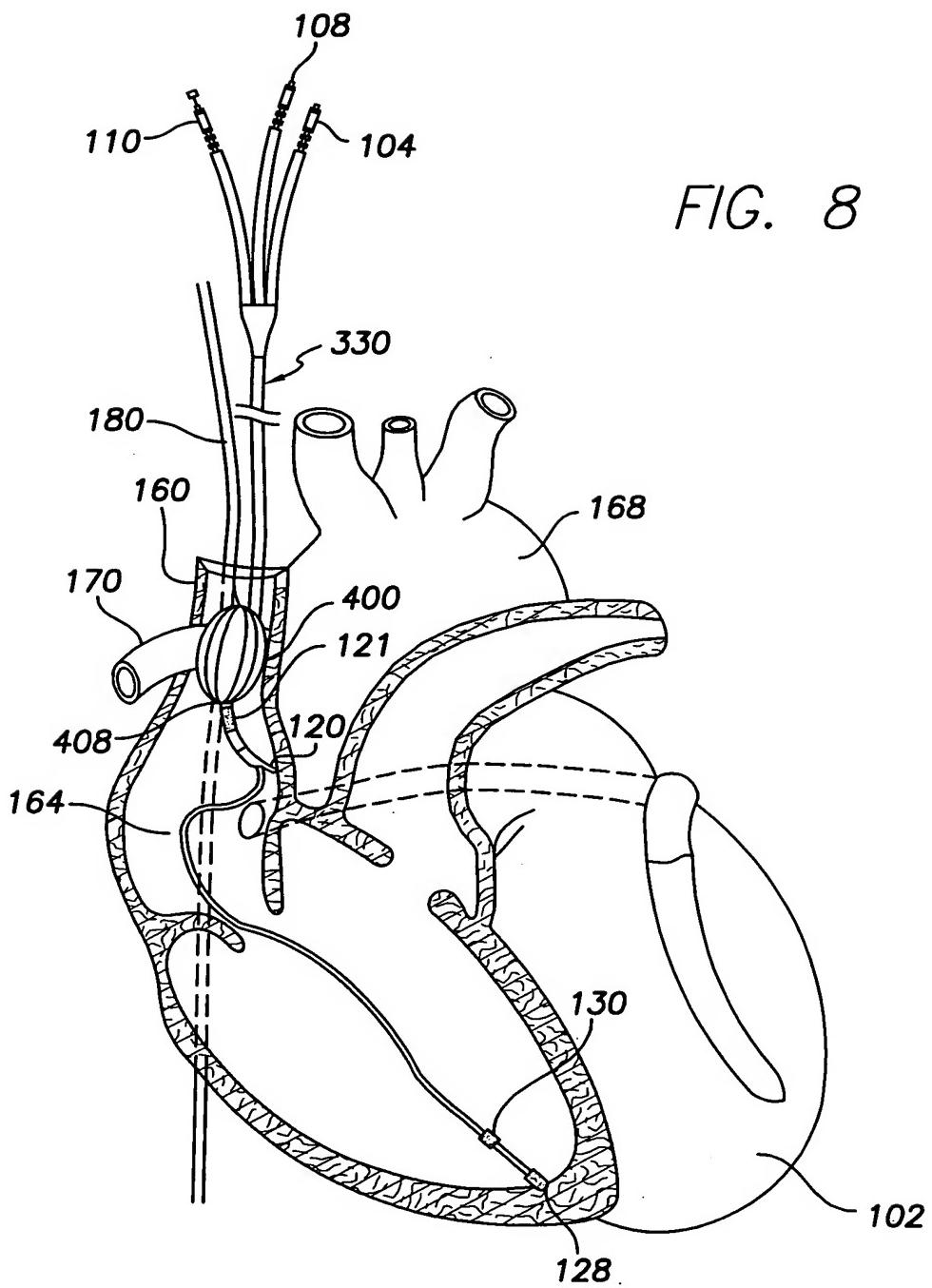


FIG. 9

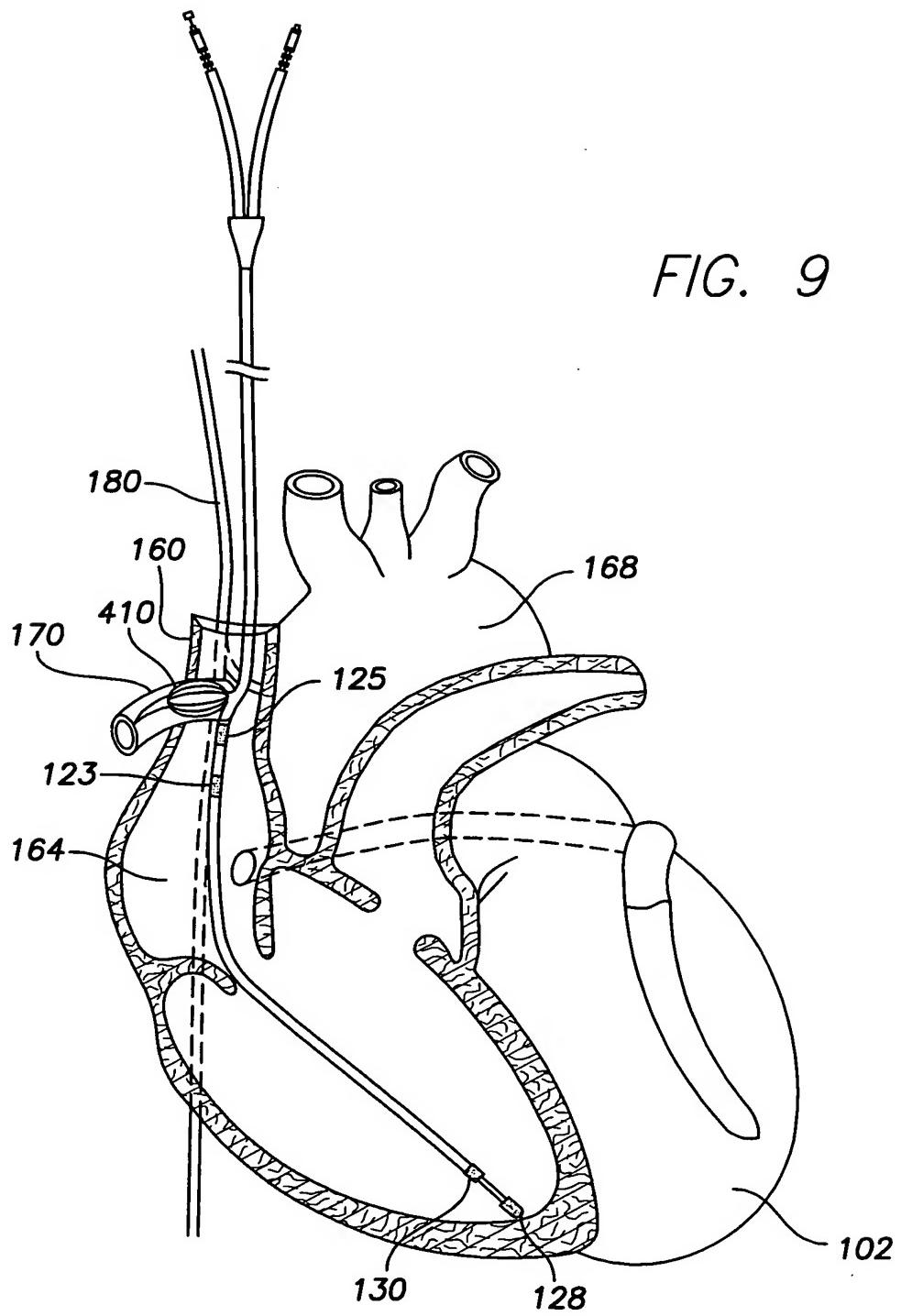
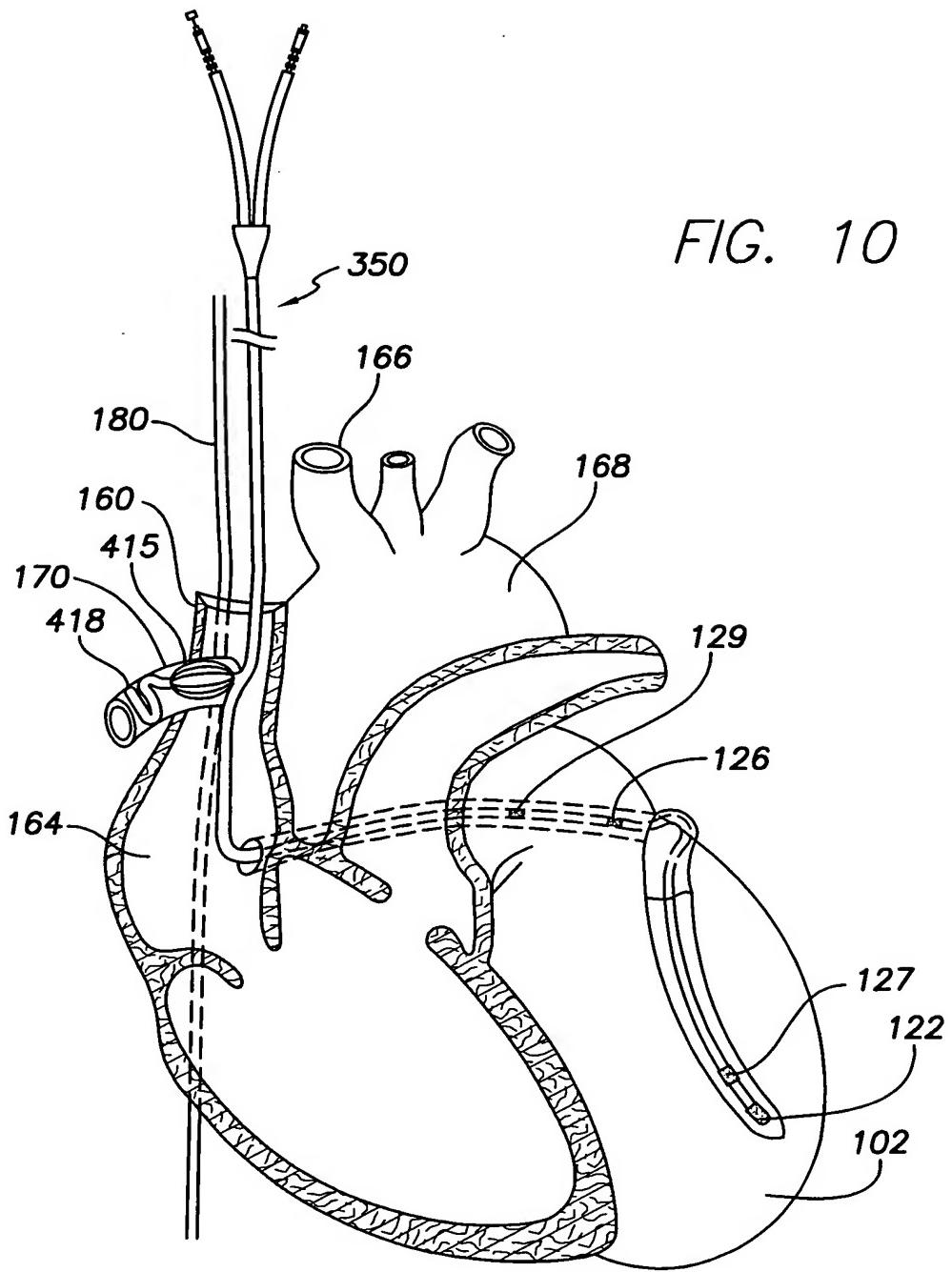


FIG. 10



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FIG. 11

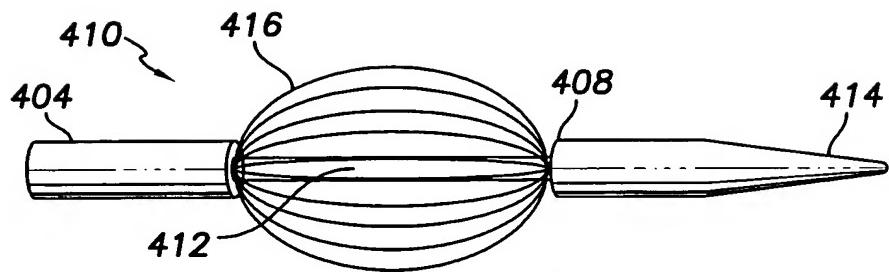


FIG. 12

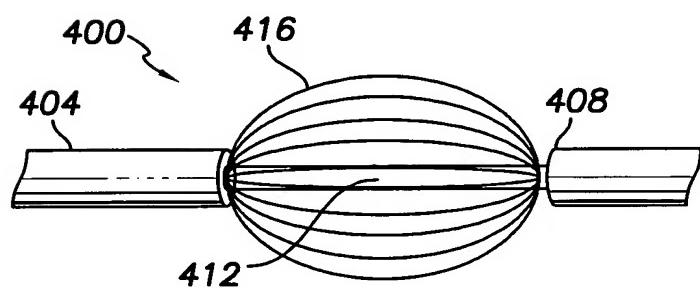
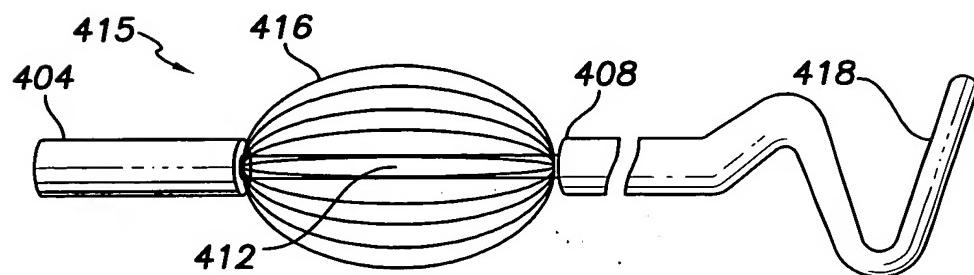


FIG. 13



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FIG. 14

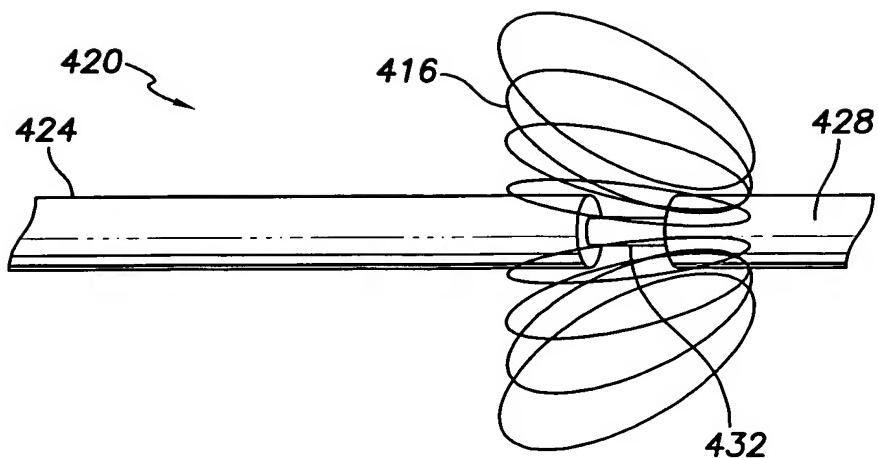


FIG. 15

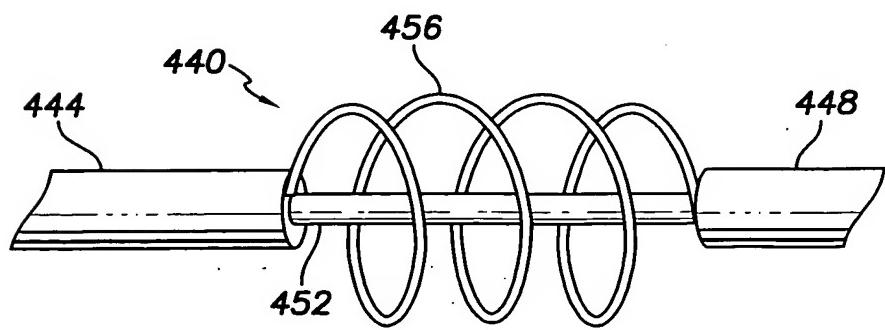


FIG. 16

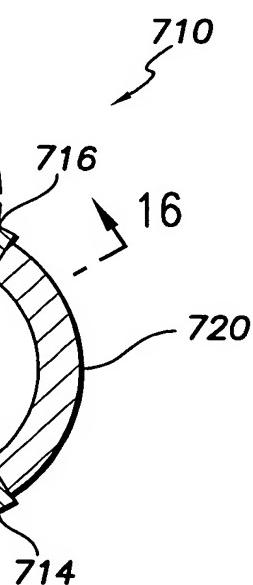
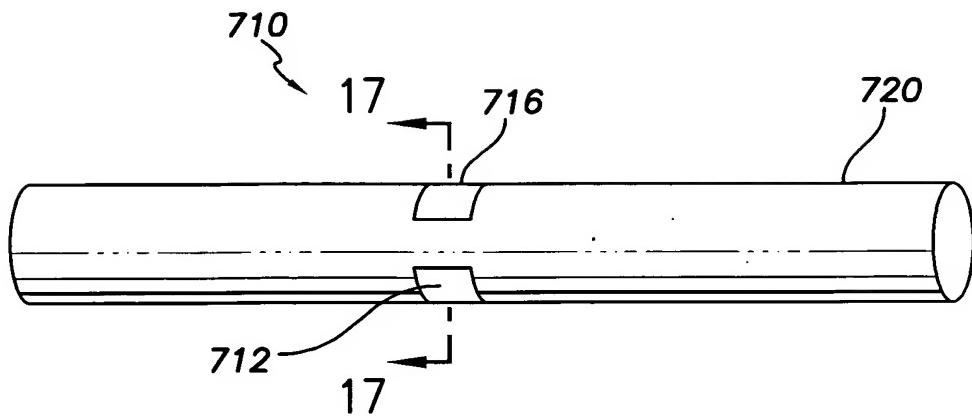


FIG. 17

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FIG. 18

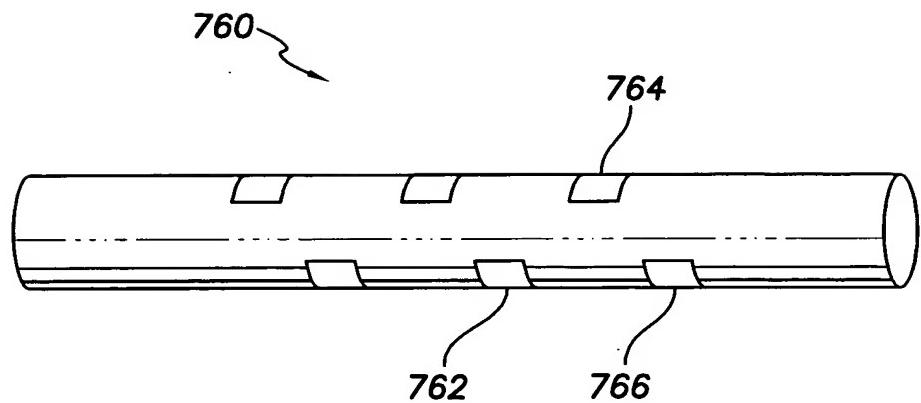
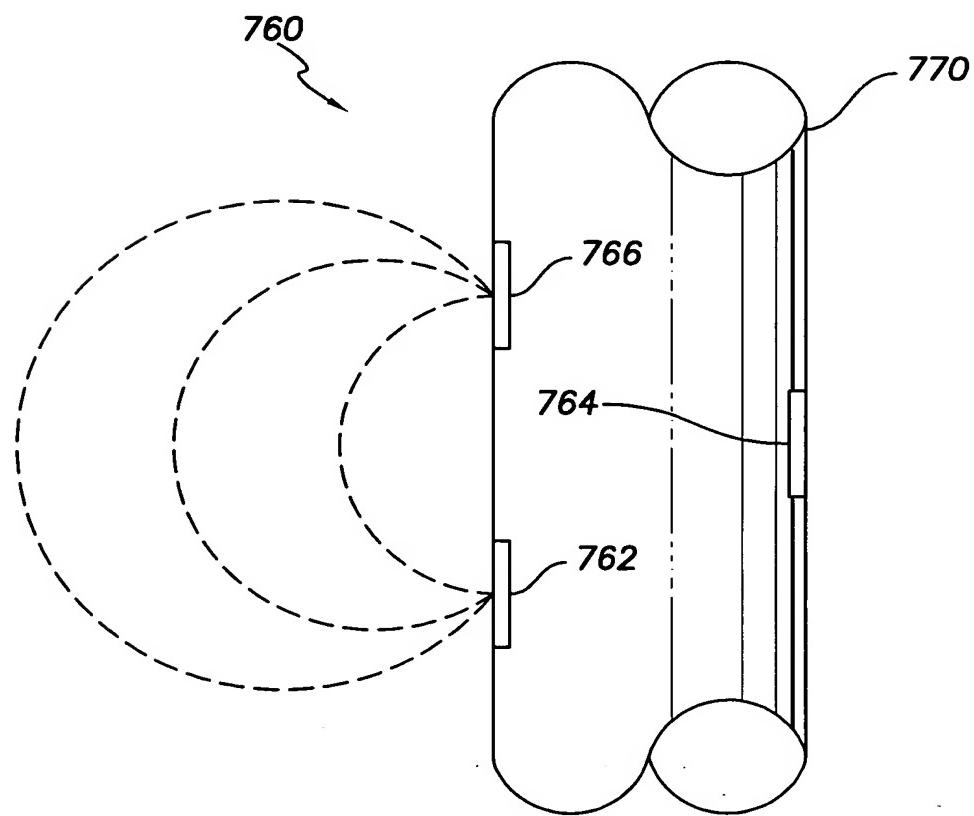


FIG. 19



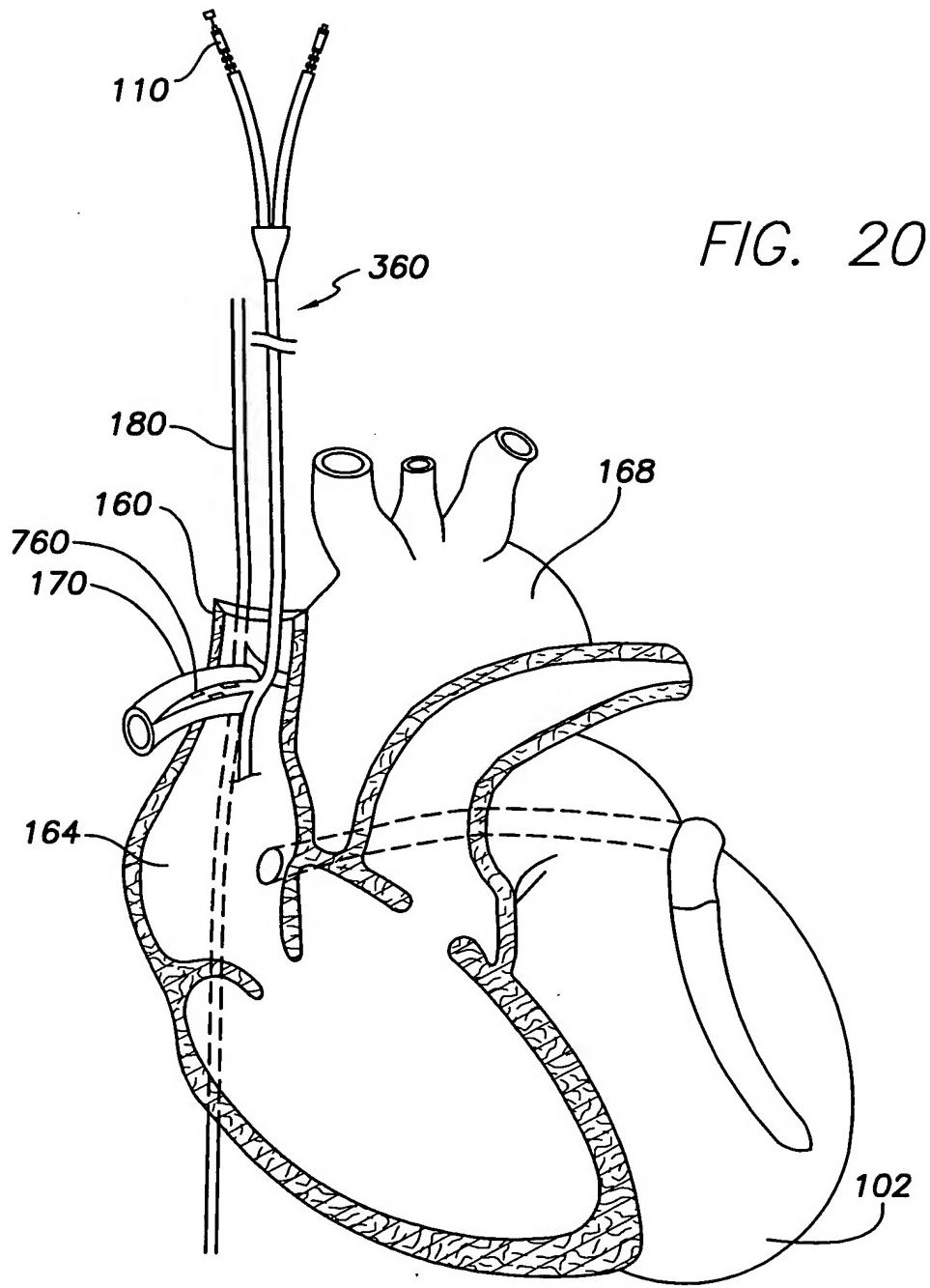


FIG. 20

1500

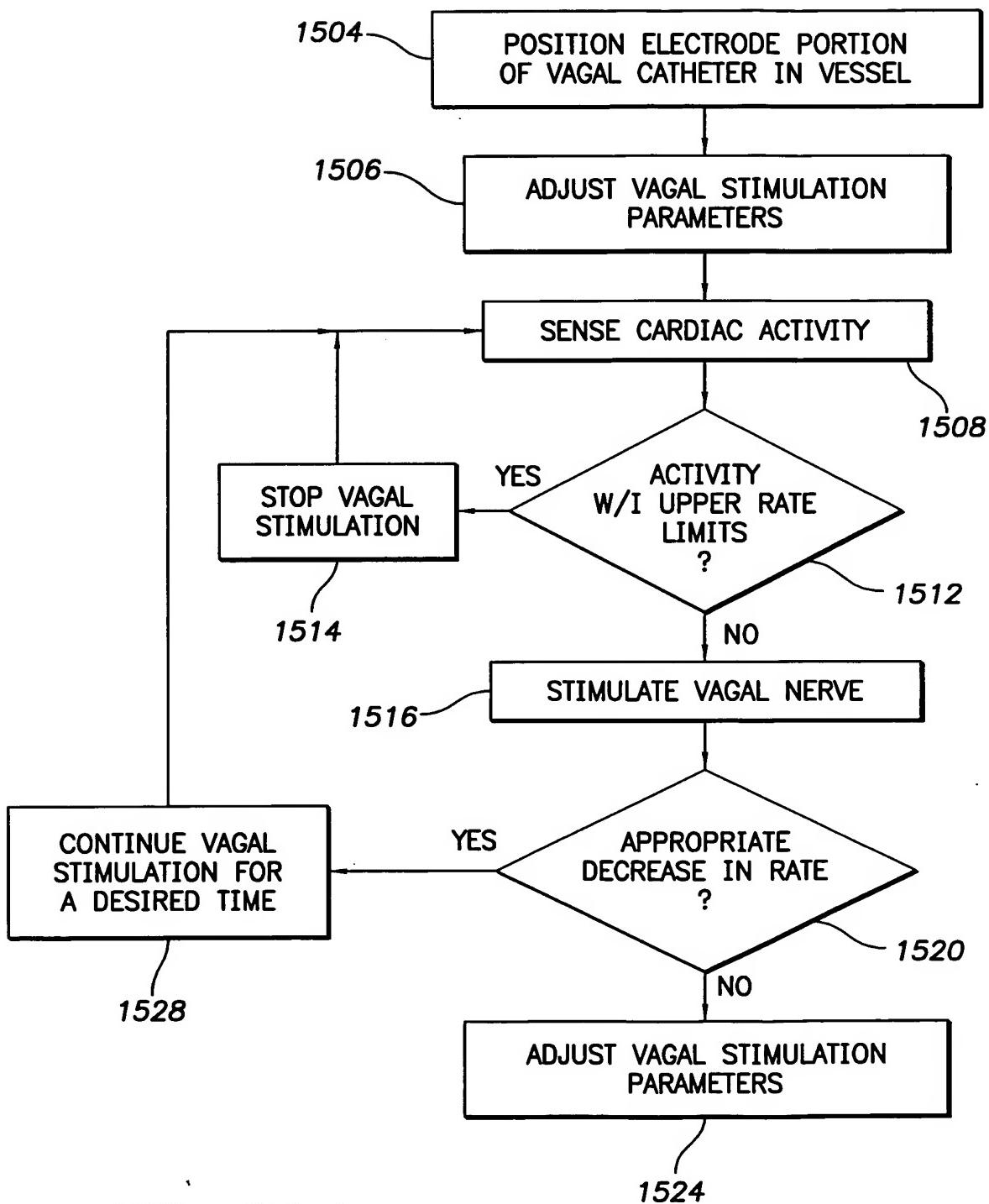


FIG. 21

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FIG. 22

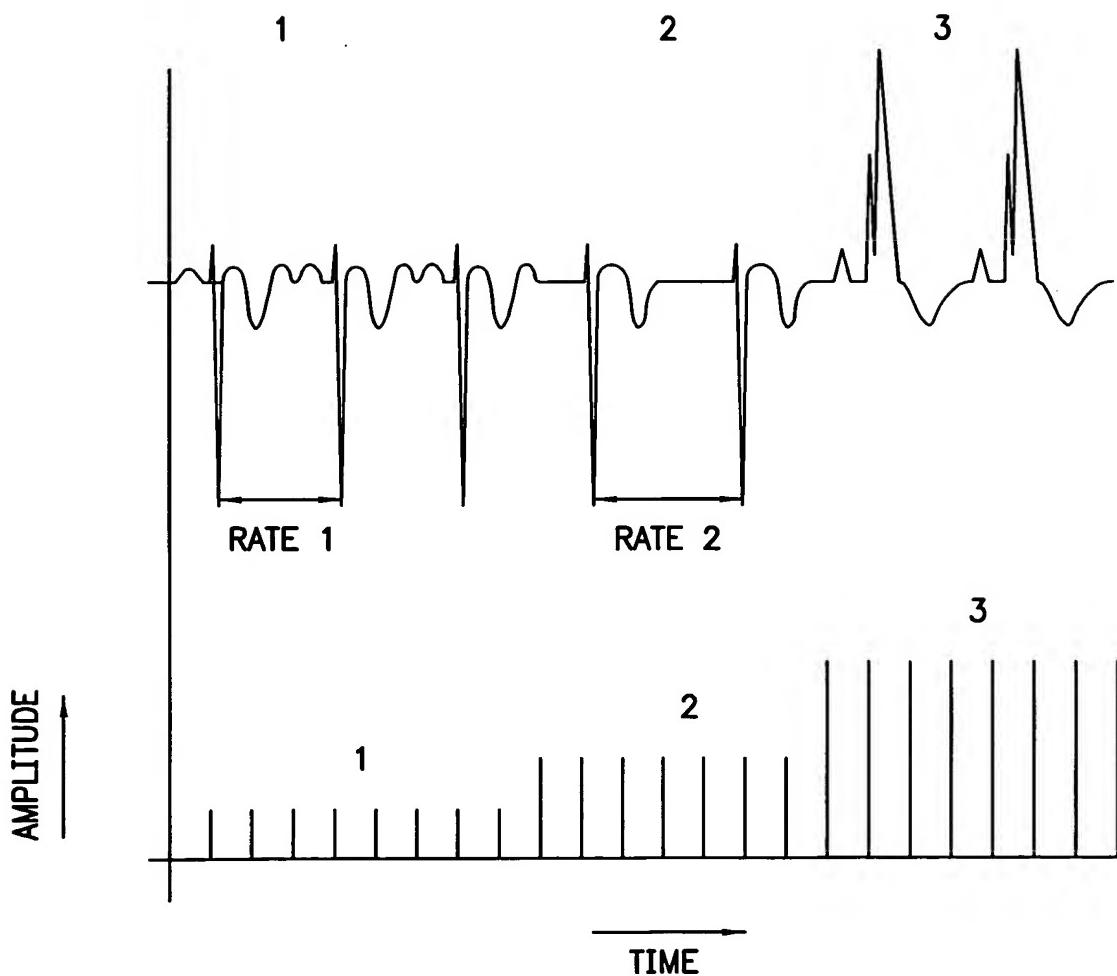
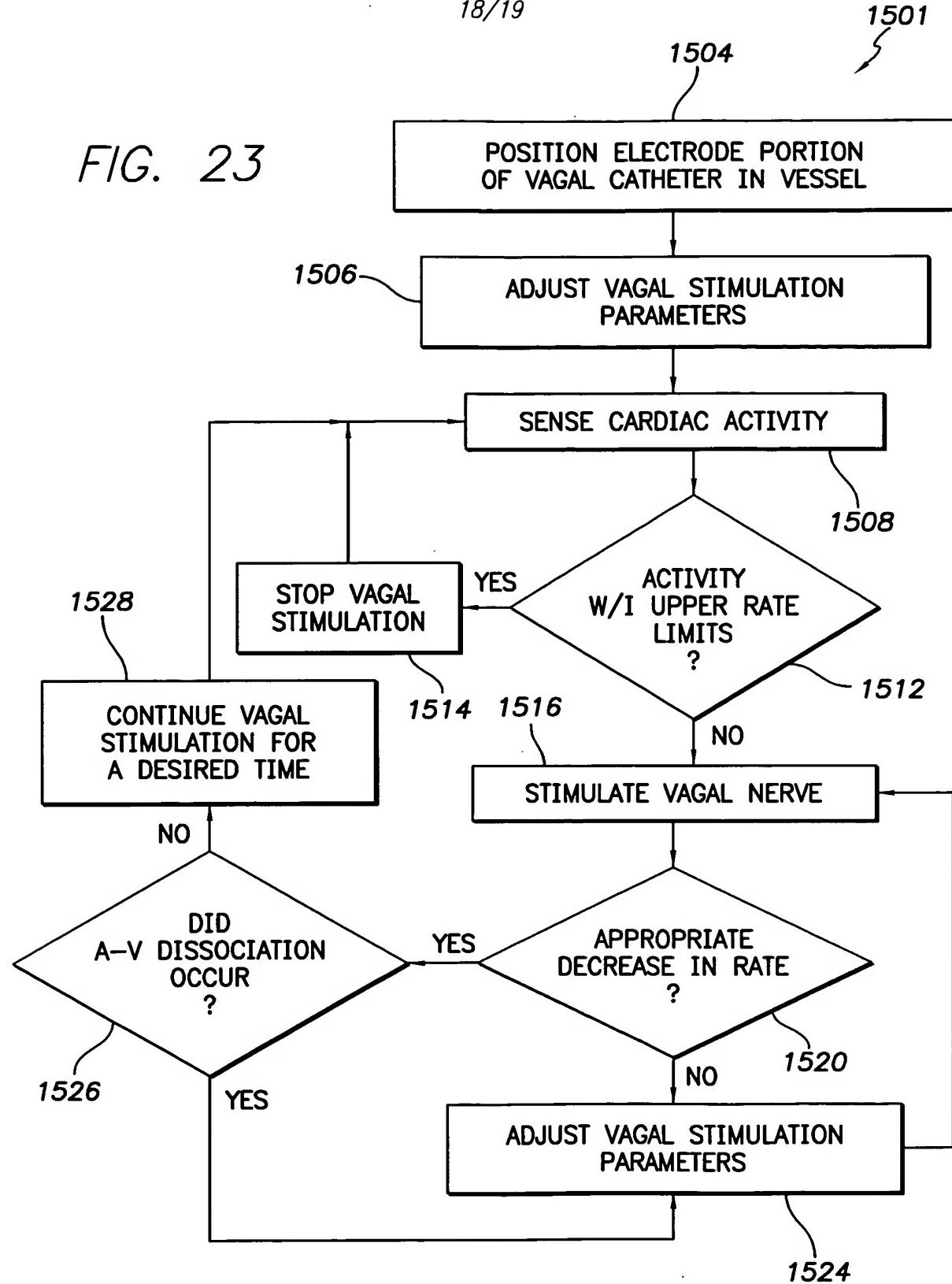


FIG. 23



1524

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INITIALIZE VAGAL STIMULATION PARAMETERS

1550

**INCREASE THE VALUE OF THE DESIRED PARAMETER
(E.G., AMPLITUDE). RECORD CURRENT DRAIN**

1552

1554

**APPROPRIATE
DECREASE IN HEART
RATE
?**

NO

**RECORD CURRENT DRAIN AND/OR RATE
ATTAINED. INCREASE THE VALUE OF
THE DESIRED PARAMETER (E.G.,
AMPLITUDE) AND REPEAT**

**CONTINUE TO INCREASE THE VALUE
OF ONE OR MORE PARAMETERS AND
RECORD ANY FURTHER CORRESPONDING
RATE CHANGES**

1556

1560

**DID
A-V DISSOCIATION
OCURR
?**

YES

1564

1558

**REPEAT TEST FOR THE OTHER VARIABLES (E.G., PULSE
WIDTH AND/OR FREQUENCY) USING ONE OR MORE AMPLITUDE(S)
THAT DO NOT CAUSE A-V DISSOCIATION**

**STORE IN MEMORY AND DETERMINE THE OPTIMUM OPERATING
AMPLITUDE, FREQUENCY AND PULSE WIDTH TO ACHIEVE A DESIRED
HEART RATE WHILE AT THE LOWEST CURRENT DRAIN. DO NOT
OPERATE IN THE RANGE WHERE A-V DISSOCIATION OCCURS.**

1568

1570

END SUBROUTINE**FIG. 24**